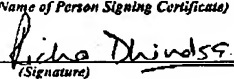



CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)			Docket No. 01MFG1052-45
Applicant(s): Muwaffaq Alghouli			
Application No. 10/683,622	Filing Date 10/10/03	Examiner Vinh P. Nguyen	Group Art Unit 2829
Invention: SYSTEM AND METHOD FOR TESTING BALL GRID ARRAYS			
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I hereby certify that this <u>1 Page Transmittal and 3 Page Response</u> <small>(Identify type of correspondence)</small>			
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P18/REV02

TRANSMITTAL LETTER (General - Patent Pending)				Docket No. QMFG1052.US	
In Re Application Of: Muwaffaq Alghouli					
Application No. 10/683,622	Filing Date 10/10/03	Examiner Vinh P. Nguyen	Customer No. 22145	Group Art Unit 2829	Confirmation No. 1839
Title: SYSTEM AND METHOD FOR TESTING BALL GRID ARRAYS					
<div style="text-align: center; margin-bottom: 10px;"><u>COMMISSIONER FOR PATENTS:</u></div> <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>Transmitted herewith is:</p> <p>3 Page Response</p> <p>1 Page Certificate of Transmission</p> <p>in the above identified application.</p> <p><input checked="" type="checkbox"/> No additional fee is required.</p> <p><input type="checkbox"/> A check in the amount of _____ is attached.</p> <p><input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 11-1159 as described below.</p> <p><input type="checkbox"/> Charge the amount of _____</p> <p><input checked="" type="checkbox"/> Credit any overpayment.</p> <p><input checked="" type="checkbox"/> Charge any additional fee required.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <div style="text-align: center; margin-top: 20px;">  _____ <i>Signature</i> </div> </div> <div style="width: 35%; text-align: right;"> <p>RECEIVED CENTRAL FAX CENTER NOV 03 2004</p> <p>Dated: 11/3/04</p> </div> </div> <div style="margin-top: 20px;"> <p>Tejinder Singh #39,535 Klein, O'Neill & Singh, LLP 2 Park Plaza, Suite 510 Irvine, CA 92614 Tel: 949 955 1920 Fax: 949 955 1921</p> </div>					
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 45%;"> <p>CC:</p> </div> <div style="width: 50%; border: 1px solid black; padding: 5px;"> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____</p> <p style="text-align: center;">(Date)</p> <p style="text-align: center;">_____ Signature of Person Mailing Correspondence</p> <p style="text-align: center;">_____ Typed or Printed Name of Person Mailing Correspondence</p> </div> </div>					

P16A/REV03

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

5 Applicants: Muwaffaq Alghouli
Assignee: QLogic Corporation
Title: "SYSTEM AND METHOD FOR TESTING BALL GRID ARRAYS"
Serial No.: 10/683,622 Filed: October 10, 2003
Examiner: Vinh P Nguyenn Group Art Unit: 2829
Attorney Docket No.: QMFG1052.US

10

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

15

RESPONSE TO OFFICE ACTION DATED 10/5/2004

Sir:

In reply to the Office action of October 5, 2004, Applicant submits the following
amendments and remarks.

20 **Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this
paper.

Remarks/Arguments begin on page 3 of this paper.